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TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(To be used for all correspondence after initial filing)</i>	Application Number	10/625,972
	Filing Date	July 23, 2003
	First Named Inventor	Phillip I. Tarr
	Art Unit	1645
	Examiner Name	
	Attorney Docket No.	120115.401C2

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>Copies of Assignments (4)</u> <hr/> <hr/> <hr/>
<u>Remarks</u>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Stephen J. Rosenman, Ph.D.	Customer Number 00500
Signature		
Date	July 6, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
<p>I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.</p>		
Typed or printed name	Karen Williamson	
Signature		Date: July 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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PTO/SB/82 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**REVOCATION OF POWER
OF ATTORNEY and
APPOINTMENT OF NEW POWER
OF ATTORNEY**

Application Number	10/625,972
Filing Date	July 23, 2003
First Named Inventor	Phillip I. Tarr
Art Unit	
Examiner Name	
Attorney Docket Number	120115.401C2

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney is submitted herewith.

OR

I hereby appoint the practitioners at Customer Number: **00500**

Please change the correspondence address for the above-identified application to:

The address associated with Customer Number **00500**

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City			
Country	State	ZIP	
Telephone	Fax		

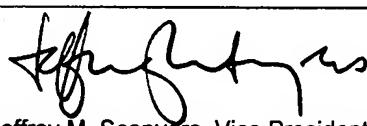
I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Children's Hospital and Regional Medical Center and Washington State University Research Foundation
Signature	 Jeffrey M. Sconyers, Vice President and General Counsel
Date	26/2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Phillip I. TarrApplication No./Patent No.: 10/625,972 Filed/Issue Date: July 23, 2003Entitled: ESCHERICHIA COLI 0157:H7 EPITHELIAL ADHESIN**Children's Hospital and Regional Medical Center,** a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above.

The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From:Thomas E. Besser To:Washington State University Research Foundation

The document was recorded in the United States Patent and Trademark Office at Reel 7580, Frame 0480, or for which a copy thereof is attached.

2. From:James C. Vary To:Children's Hospital and Medical Center

The document was recorded in the United States Patent and Trademark Office at Reel 7597, Frame 0048, or for which a copy thereof is attached.

3. From:Phillip I. Tarr and Sima S. Bilge To:Children's Hospital and Medical Center and The University of Washington

The document was recorded in the United States Patent and Trademark Office at Reel 7628, Frame 0034, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title noted in B above are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2/6/2004

Date

Jeffrey M. Sconyers

Typed or printed name

(206) 987-2000

Telephone Number

Signature

Vice President and General Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SUPPLEMENTAL SHEET

4. From:University of Washington To:Children's Hospital & Regional Medical Center

The document was recorded in the United States Patent and Trademark Office at Reel 012211, Frame 0682, or for which a copy thereof is attached.

Docket No. 120115.401C2

C:\NrPortb\Manage\KARENWILL\448213_1.DOC

ASSIGNMENT

WHEREAS, I, Thomas E. Besser, residing at 1187 Foothill Road, Moscow, ID 83843, am a joint inventor named in an international patent application entitled ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN, No. PCT/US95/06994, filed on 07 June 1995;

AND, WHEREAS, Washington State University Research Foundation, a nonprofit corporation, having a principal place of business at 1615 Eastgate Blvd., Pullman, WA (hereinafter referred to as ASSIGNEE), is desirous of acquiring my entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE my entire right and title to and interest in said application and said invention, including the right to apply for patents thereon in foreign countries in my name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by me had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to me.

Executed at Pullman, Washington, this 5th day of July, 1995.

Thomas E. Besser
Thomas E. Besser

STATE OF WASHINGTON)
) ss.
COUNTY OF WHITMAN)

I certify that I know or have satisfactory evidence that Thomas E. Besser is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: July 5, 1995

(Seal or stamp)

Alyce Anderson
Signature
Printed Name: Alyce Anderson
Notary Public
My appointment expires April 21, 1998

TFB:jlj

Attorney Docket No. CHOR-18591
ASSIGNMENT

WHEREAS, I, James C. Vary, Jr., residing at 10046 35th Avenue Northeast, Seattle, WA 98125, am a joint inventor named in an international patent application entitled ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN, No. PCT/US95/06994, filed on 07 June 1995;

AND, WHEREAS, Children's Hospital and Medical Center, a nonprofit corporation, having a principal place of business at 4800 Sand Point Way Northeast, Seattle, WA 98105 (hereinafter referred to as ASSIGNEE), is desirous of acquiring my entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE my entire right and title to and interest in said application and said invention, including the right to apply for patents thereon in foreign countries in my name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by me had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to me.

Executed at Seattle, Washington, this 12th day of July, 1995.

James C. Vary, Jr.

STATE OF WASHINGTON)

) ss.

COUNTY OF KING)

I certify that I know or have satisfactory evidence that James C. Vary, Jr. is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 7-12-95

(Seal or stamp)

EJ Weinberg

Signature

Printed Name: ED WEINBERGER

Notary Public

My appointment expires 8-29-98

TFB:jlj

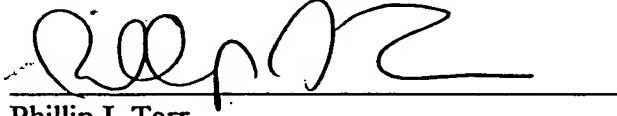
ASSIGNMENT

WHEREAS, we, Phillip I. Tarr, residing at 3717 Northeast 43rd Street, Seattle, WA 98105, and Sima S. Bilge, residing at 14622 Northeast 30th Place, 18D, Bellevue, WA 98007, are inventors named in an international patent application, entitled **ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN**, No. PCT/US95/06994, filed on 07 June 1995;

AND, WHEREAS, Children's Hospital and Medical Center, a nonprofit corporation, having a principal place of business at 4800 Sand Point Way Northeast, Seattle, WA 98195, and the University of Washington, a Washington corporation, having a principal place of business at Seattle WA 98195 (hereinafter referred to as **ASSIGNEES**), are desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto **ASSIGNEES** our entire right and title to and interest in said application and said invention, including the right to apply for patents thereon in foreign countries in our name or in the name of **ASSIGNEES**, said invention and all applications and patents on said invention to be held and enjoyed by **ASSIGNEES** as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made; and we do hereby further agree and promise to execute all instruments and render all such assistance as **ASSIGNEES** may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in **ASSIGNEES** legal title to said invention and all applications and patents on said invention, all without charge to **ASSIGNEES** but at no expense to us.

Executed at Seattle, Washington, this 12th day of July, 1995.


Phillip I. Tarr

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Phillip I. Tarr is the person who appeared before me, and said person acknowledged that he signed this instrument and

acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 7-12-95

(Seal or stamp)

ED Weinberger
Signature
Printed Name: ED WEINBERGER
Notary Public
My appointment expires 8-29-98

Executed at Seattle, Washington, this 12th day of July, 1995.

Sima Bilge
Sima S. Bilge

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Sima S. Bilge is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 7-12-95

(Seal or stamp)

ED Weinberger
Signature
Printed Name: ED WEINBERGER
Notary Public
My appointment expires 8-29-98

TFB:jlj

ASSIGNMENT

WHEREAS, the University of Washington, having a place of business at Seattle, Washington (hereinafter referred to as ASSIGNOR), is the owner of record, together with the Children's Hospital & Regional Medical Center and the Washington State University Research Foundation, of an undivided partial interest in certain inventions as described and claimed in the Letters Patent of the United States and application for Letters Patent of the United States as listed below:

<u>U.S. Patent/ Application No.</u>	<u>Issue/ Filing Date</u>	<u>Title</u>
5,798,260	August 25, 1998	<i>ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN</i>
6,040,421	March 21, 2000	<i>ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN AND VACCINE</i>
09/531,050	March 20, 2000	<i>ESCHERICHIA COLI O157:H7 EPITHELIAL ADHESIN</i>

AND, WHEREAS, Children's Hospital & Regional Medical Center, a nonprofit corporation, having a principal place of business at 4800 Sand Point Way, N.E., Seattle, Washington 98105-0371 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right and title to and interest of the University of Washington in said Letters Patent and application and the inventions disclosed and claimed therein;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE its entire right and title to and interest in said Letters Patent and application and said inventions, including the right to apply for international patents and patents thereon in foreign countries in its name or in the name of ASSIGNEE, said inventions and all applications and patents on said inventions to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made, and ASSIGNOR does hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make, prosecute and maintain any and all applications and patents on said inventions, to enforce any and all patents on said inventions, and to confirm in ASSIGNEE legal title to said

inventions and all applications and patents on said inventions, all without charge to
ASSIGNEE but at no expense to ASSIGNOR.

Executed at Seattle (city), Wa. (state), this 11th
day of Sept, 2001.

UNIVERSITY OF WASHINGTON

Robert C. Miller

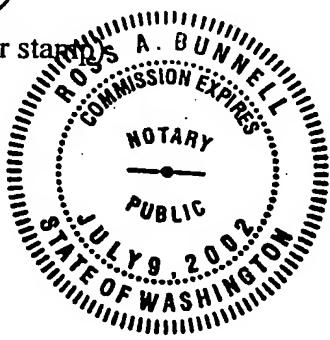
By: Robert C. Miller, Jr.
Title: Vice Provost for Intellectual
Property

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Robert C. Miller, Jr., is the person who appeared before me, and said person acknowledged that he was authorized to execute the instrument on behalf of said University of Washington and that he signed this instrument as his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: September 11, 2001

(Seal or stamp)



DKS:cj

Ross A. Bunnell
Signature
Printed Name: ROSS A. BUNNELL
Notary Public
My appointment expires July 9, 2002